

02/21/02

PATENT

Docket No. 9261.16756-CIP CON

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Box Patent Application Assistant Commissioner for Patents Washington, D.C. 20231



NEW APPLICATION TRANSMITTAL Under 37 CFR § 1.53(b)

Transmitted herewith for filing is the patent application of

Inventor(s):

WALID NAJIB ABOUL-HOSN; WILLIAM RUSSELL KANZ

WARNING: 37 C.F.R. § 1.41(a)(1) points out:

'(a) A patent is applied for in the name or names of the actual inventor or inventors.

(1) The inventorship of a nonprovisional application is that inventorship set forth in the oath or declaration as prescribed by § 1.63, except as provided for in § 1.53(d)(4) and § 1.63(c). If an oath or declaration as prescribed by § 1.63 is not filed during the pendency of a nonprovisional application, the inventorship is that inventorship set forth in the application papers filed pursuant to § 1. 53(b), unless a petition under this paragraph accompanied by the fee set forth in § 1.17(i) is filed supplying or changing the name or names of the inventor or inventors.

For (title):

PULMONARY AND CIRCULATORY BLOOD FLOW SUPPORT DEVICES AND METHODS FOR HEART SURGERY PROCEDURES

CERTIFICATION UNDER 37 C.F.R. 1.10*

(Express Mail label number is mandatory.) Express Mail certification is optional.)

I hereby certify that this New Application Transmittal and the documents referred to as attached therein are being deposited with the United States 19 February 2002, in an envelope as 'Express Mail Post Office to Addressee' mailing Label Number 4/4/63805 addressed to the: Assistant Commissioner for Patents, Washington, D.C. 20231.

Peggy Pechulis

WARNING: Certificate of mailing (first class) or facsimile transmission procedures of 37 C.F.R. 1.8 cannot be used to obtain a date of mailing or transmission for this correspondence.

WARNING: Each paper or fee filed by "Express Mail" must have the number of the Express Mail mailing label placed thereon prior to mailing.

"Since the filing of correspondence under § 1.10 without the Express Mail mailing label thereon is an oversight that can be avoided by the exercise of reasonable care, requests for waiver of this requirement will not be granted on petition. 'Notice of Oct. 24, 1996, 60 Fed. Reg. 56,439, at 56,442.

This	new	anı	nlic	ation	is	for	al	(\mathbf{n})	1
TIIIS	TIC W	apı		auou	12	TOT	a	(11)	,

(check one applicable item below)

]	Original (nonprovisional)
[]	Design
[]	Plant

WARNING: Do not use this transmittal for a completion in the U.S. of an International Application under 35 U.S.C. 371(c)(4), unless the International Application is being filed as a divisional, continuation or continuation-in-part application.

WARNING: Do not use this transmittal for the filing of a provisional application.

NOTE: If one of the following 3 items apply then complete and attach ADDED PAGES FOR NEW APPLICATION TRANSMITTAL WHERE BENEFIT OF A PRIOR U.S. APPLICATION CLAIMED and a NOTIFICATION IN PARENT APPLICATION OF THE FILING OF THIS CONTINUATION APPLICATION.

[] Divisional.[X] Continuation.[] Continuation-in-part (C-I-P).

2. Benefit of Prior U.S. Application(s) (35 U.S.C. 119(e), 120, or 121)

NOTE: A nonprovisional application may claim an invention disclosed in one or more prior filed copending nonprovisional applications or copending international applications designating the United States of America. In order for a nonprovisional application to claim the benefit of a prior filed copending nonprovisional application or copending international application designating the United States of America, each prior application must name as an inventor at least one inventor named in the later filed nonprovisional application and disclose the named inventor's invention claimed in at least one claim of the later filed nonprovisional application in the manner provided by the first paragraph of 35 U.S. C. 112. Each prior application must also be:

 (i) An international application entitled to a filing date in accordance with PCT Article 11 and designating the United States of America; or

(ii) Complete as set forth in § 1.51(b); or

(iii) Entitled to a filing date as set forth in § 1.53(b) or § 1.53(d) and include the basic filing fee set forth in § 1.16; or

(iv) Entitled to a filing date as set forth in § 1.53(b) and have paid therein the processing and retention fee set forth in § 1.21(l) within the time period set forth in § 1.53(f).

37 C.F.R. § 1.78(a)(1).

NOTE: If the new application being transmitted is a divisional, continuation or a continuation-in-part of a parent case, or where the parent case is an International Application which designated the U.S., or benefit of a prior provisional application is claimed, then check the following item and complete and attach ADDED PAGES FOR NEW APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S. APPLICATION(S) CLAIMED.

WARNING: If an application claims the benefit of the filing date of an earlier filed application under 35 U.S.C. 120, 121 or 365(c), the 20-year term of that application will be based upon the filing date of the earliest U.S. application that the application makes reference to under 35 U.S.C. 120, 121 or 365(c). (35 U.S.C. 154(a)(2) does not take into account, for the determination of the patent term, any application on which priority is claimed under 35 U.S.C. 119, 365(a) or 365(b).) For a c-i-p application, applicant should review whether any claim in the patent that will issue is supported by an earlier application and, if not, the applicant should consider canceling the reference to the earlier filed application. The term of a patent is not based on a claim-by-claim approach. See Notice of April 14, 1995, 60 Fed. Reg. 20,195, at 20,205.

WARNING: When the last day of pendency of a provisional application falls on a Saturday, Sunday, or Federal holiday within the District of Columbia, any nonprovisional application claiming benefit of the provisional application must be filed prior to the Saturday, Sunday, or Federal holiday within the District of Columbia. See 37 C.F.R. § 1.78(a)(3).

[X] The new application being transmitted claims the benefit of prior U.S. application(s). Enclosed are ADDED PAGES FOR NEW APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S. APPLICATION(S) CLAIMED.

3. Papers Enclosed

43	Pages of	specification		
4	Pages of	Pages of claims		
1	Abstract			
5	Sheets o	f drawing		
	[]	formal		
	ſΧĪ	informal		

B. Other documents enclosed:

WARNING:

DO NOT submit original drawings. A high quality copy of the drawings should be supplied when filing a patent application. The drawings that are submitted to the Office must be on strong, white, smooth, and non-shiny paper and meet the standards according to § 1.84. If corrections to the drawings are necessary, they should be made to the original drawing and a high-quality copy of the corrected original drawing then submitted to the Office. Only one copy is required or desired. For comments on proposed then-new 37 CFR 1.84, see Notice of March 9, 1988 (1990 O.G. 57-62).

NOTE:

"Identifying indicia, if provided, should include the application number or the title of the invention, inventor's name, docket number (if any), and the name and telephone number of a person to call if the Office is unable to match the drawings to the proper application. This information should be placed on the back of each sheet of drawing a minimum distance of 1.5 cm. (518 inch) down from the top of the page . . ." 37 C.F.R. 1.84(c)).

(complete the following, if applicable)

[] The enclosed drawing(s) are photograph(s), and there is also attached a "PETITION TO ACCEPT PHOTOGRAPH(S) AS DRAWING(S)." 37 C.F.R. 1.84(b).

4. Additional papers enclosed

Preliminary Amendment

[X]

	·
[X]	Information Disclosure Statement (37 C.F.R. 1.98)
[X]	Form PTO-1449 (PTO/SB/08A and 08B)
[]	Citations
[]	Declaration of Biological Deposit
[]	Submission of "Sequence Listing," computer readable copy and/or amendment pertaining thereto for
	biotechnology invention containing nucleotide and/or amino acid sequence.
[]	Authorization of Attorney(s) to Accept and Follow Instructions from Representative
[]	Special Comments
[]	Other

5. Declaration or oath

NOTE:	A newly executed declaration is not required in a continuation or divisional application provided that the prior nonprovisional application contained a declaration as required, the application being filed is by all or fewer than all the inventors named in the prior application, there is no new matter in the application being filed, and a copy of the executed declaration filed in the prior application (showing the signature or an indication thereon that it was signed is submitted. The copy must be accompanied by a statement requesting deletion of the names of person(s) who are not inventors of the application being filed. If the declaration in the prior application was filed under § 1.47, then a copy of that declaration must be filed accompanied by a copy of the decision granting § 1.47 status or if a nonsigning person under § 1.47 has subsequently joined in a prior application, then a copy of the subsequently executed declaration must be filed. See 37 C.F.R. ff 1.63(cO.					
	 [] Enclosed [] newly executed [] copy from parent application identified above Executed by (check all applicable boxes) [] inventor(s). [] legal representative of inventor(s). 37 CFR 1.42 or 1.43. [] joint inventor or person showing a proprietary interest on behalf of inventor who refused to sign or cannot be reached. [] This is the petition required by 37 CFR 1.47 and the statement required by 37 CFR 1.47 is also attached. See Item 13 below for fee. 					
	[X] Not Enclosed.					
NOTE:	Where the filing is a completion in the U.S. of an International Application or where the completion of the U.S. application conta subject matter in addition to the International Application, the application may be treated as a continuation or continuation-in-pass the case may be, utilizing ADDED PAGE FOR NEW APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR UAPPLICATION CLAIMED.					
	 [X] Application is made by a person authorized under 37 C.F.R. 1.41(c) on behalf of all the above named inventor(s). (The declaration or oath, along with the surcharge required by 37 CFR 1.16(e) can be filed subsequently). 					
NOTE:	It is important that all the correct inventor(s) are named for filing under 37 CFR 1.41(c) and 1.53(b).					
	[] Showing that the filing is authorized. (not required unless called into question. 37 CFR 1.41(d))					
6.	Inventorship Statement					
WARNING	G: If the named inventors are each not the inventors of all the claims an explanation, including the ownership of the various claims at the time the last claimed invention was made, should be submitted.					
	The inventorship for all the claims in this application are:					
	[X] The same.					
	or					
	[] Not the same. An explanation, including the ownership of the various claims at the time the last claimed invention was made					
	[] is submitted.[] will be submitted.					

7.

Language

	•					
NOTE:	An application including a signed oath or declaration may be filed in a language other than English. An English translation of the non-English language application and the processing fee of \$130.00 required by 37 CFR 1.17(k) is required to be filed with the application, or within such time as may be set by the Office. 37 CFR 1.52(d).					
	[X] English [] Non-Englis [] The att		he translation is accurate. 37 C.F.R. 1.52(d).			
8.	Assignment					
	[] is atta ACCO [] will fol	MPANYING NEW PATENT APPLICATION	HEET FOR ASSIGNMENT (DOCUMENT) ON or [] FORM PTO 1595 is also attached.			
NOTE:	"If an assignment is submitted with a new application, send two separate letters - one for the application and one for the assignment" Notice of May 4, 1990 (1114 O.G. 77-78).					
WARNIN	*	CERTIFICATE UNDER 37 CFR 3.73(b) must be filed April 30, 1993, 11,50 O.G. 62-64.	d when a continuation-in-part application is filed by an			
9.	CERTIFIED COP Certified copy(ies)					
	Country	Appln. No.	Filed			
	Country	Appln. No.	Filed			
	Country	Appln. No.	Filed			
-	Country	Appln. No.	Filed			
	from which priority	is claimed	•			
	[] is (are) atta-	ched.				
	[] will follow.					
NOTE:	The foreign application 1.63.	forming the basis for the clam for priority must be ref	ferred to in the oath or declaration. 37 CFR 1.55(a) and			
NOTE:	Application from which	this application claims benefit under 35 U.S.C. 120 is i on the ADDED PAGES FOR NEW APPLICATION	ly relates. If any parent U.S. application or International itself entitled to priority from a prior foreign application, N TRANSMITTAL WHERE BENEFIT OF PRIOR U.S.			

NOTE:

11.

10. Fee Calculation (37 C.F.R. 1.16)

A. [X] Regular application

CLAIMS AS FILED						
	Number Fil	ed	Number Extra	Rate	Basic Fee 37 CFR 1.16(a) \$740.00	
Total Claims 37 CFR 1.16(c)	1	-20 =		x \$ 18.00		
Independent Claims (37 CFR 1.16(b)	1	- 3=		x \$ 84.00		
Multiple Dependent claim(s) if any (37 CFR 1.16(d)) + \$280.00						

[X] Amendment cancelling extra claim[] Amendment deleting multiple-dependent[] Fee for extra claims is not being page 1	endencies enclosed.	
If the fees for extra claims are not paid on filing they time period set for response by the Patent and Trade		
	Filing Fee Calculation	\$740.00
B. [] Design application (\$320.00 - 37 CFR 1.16(f))	Filing Fee Calculation	
C. [] Plant application (\$490.00 - 37 CFR 1.16(§	g)) Filing Fee Calculation	
Small Entity Statement		
	efined by 37 CFR 1.9 and 1.27 and is of Fee: \$370.00	entitled to small entity status —
G: "Status as a small entity must be specifically estate Status as a small entity in one application or pate, which are directly or indirectly dependent upon an application under § 1.53(d)), or the filing of a reissue application of a prior application or a reissue application of a prior application or a reissue application.	nt does not affect any other application or pater the application or patent in which the status h division, or continuation-in-part (including a ttion requires new determination as to continu rovisional application claiming benefit under 3	nt, including applications or patent: as been established. The refiling o continued prosecution application ted entitlement to small entity statu. 15 U.S.C. 119(e), 120, 121, or 365(c

WARNIN nonprovisional application or the reissue application includes a reference to the statement in the prior application or in the patent or includes a copy of the statement in the prior application or in the patent and status as a small entity is still proper and desired. The payment of the small entity basic statutory filing fee will be treated as such a reference for purposes of this section." 37 C.F.R. § 1.28(a)(2).

NOTE: Any excess of the full fee paid will be refunded if small entity status is established and a refund request are filed within 2 months of the date of timely payment of a full fee. The two-month period is not extendable under § 1.136, 37 CFR 1.28(a).

12. Request for International-Type Search (37 C.F.R. 1.104(d))

(complete, if applicable)

[] Please prepare an international-type search report for this application at the time when national 13.

examination on the merits takes place.

13.	Fee Payment Being Made at This Time						
	[X]	Not Enclosed					
		[X] No filing fee is to be paid at this time. (This and the surcharge required by 37 C.F.R. 1. 16(e) can be paid subsequently.)					
	[]	Enclosed					
	[Filing fee					
]	Recording assignment (\$40.00; 37 C.F.R. 1.21(h)) (See attached 'COVER SHEET FOR ASSIGNMENT ACCOMPANYING NEW APPLICATION.)					
	[Petition fee for filing by other than all the inventors or person on behalf of the inventor where inventor refused to sign or cannot be reached (\$130.00; 37 C.F.R. 1.47 and 1.17(i)					
	[For processing an application with a specification in a non-English language (\$130.00; 37 C.F.R. 1.52(d) and 1.17(k))					
	[Processing and retention fee (\$130.00; 37 C.F.R. 1.53(d) and 1.21(l))					
	[Fee for international-type search report (\$40.00; 37 C.F.R. 1.21(e))					
NOTE:	pursuar of a pric	1.21(l) establishes a fee for processing and retaining any application that is abandoned for failing to complete the application at to 37 CFR 1.53(o and this, as well as the changes to 37 CFR 1.53 and 1.78(a)(1), indicate that in order to obtain the beneft or U.S. application, either the basic filing fee must be paid, or the processing and retention fee of § 1.21(l) must be paid, within from notification under § 53(f).					

Total fees enclosed

14	Method of Payment of Fees	
	[] Check in the amount of \$	
	[] Charge Account No in the amount of A duplicate of this transmittal is attached.	·
NC	Fees should be itemized in such a manner that it is clear for which purpose the fees are pa	id. 37 CFR 1.22(b).
15	Authorization to Charge Additional Fees	
W.		high charges, if extra claim charges are
	[] The Commissioner is hereby authorized to charge the following add the entire pendency of this application to Account No	
NO	Because additional fees for excess or multiple dependent claims not paid on filing or on la claims cancelled by amendment prior to the expiration of the time period set for response by CFR 1.16(d)), It might be best not to authorize the PTO to charge additional claim fees, exceafter final action. [] 37 C.F.R. 1.16(e) (surcharge for filing the basic filing fee and the filing date of the application) [] 37 C.F.R. §§ 1.17(a)(I-5) (extension fees pursuant to § 1.136(fig. 1)) [] 37 C.F.R. 1.17 (application processing fees)	with PTO in any notice of fee deficiency (37 ppt possibly when dealing with amendments don't declaration on a date later than
NO	A written request may be submitted in an application that is an authorization to treat any confor an extension of time under this paragraph for its timely submission, as incorporating appropriate length of time. An authorization to charge all required fees, fees under § 1.17 be treated as a constructive petition for an extension of time in any concurrent or future retime under this paragraph for its timely submission. Submission of the fee set forth in § 1. petition for an extension of time in any concurrent reply requiring a petition for an extension submission. 37 C.F.R. 1. 136(a)(3).	ng a petition for extension of time for the T, or all required extension of time fees will ply requiring a petition for an extension of 17(a) will also be treated as a constructive
	[] 37 C.F.R. 1.18 (issue fee at or before mailing of Notice of 1.311(b))	Allowance, pursuant to 37 C.F.R.
NC	Where an authorization to charge the issue fee to a deposit account has been filed before the fee will be automatically charged to the deposit account at the time of mailing the notice of	mailing of a Notice of Allowance, the issue of allowance. 37 CFR 1.311(b).
NC	37 CFR 1.28(b) requires "Notification of any change in status resulting in loss of entitleme application prior to paying, or at the time of paying, issue fee." From the wording of of status must be made even if the fee is paid as "other than a small entity" and (b) no notific small entity.	37 CFR 1.28(b), (a) notification of change

NOTE		eturned unless specifically requested within a reasonable time, nor will the payer dollars may be returned by check or, if requested, by credit to a deposit account.
	37 C.F.R. § 1.26(a).	
	[] Credit Account No	
	[] Refund	
		SIGNATURE OF PRACTITIONER
Reg. No	o. 29,243	Daniel D. Ryan
Tel. No.	.: (262) 783 - 1300	(hype or print name of attorney) RYAN KROMHOLZ & MANION, S.G.
	(202) 700 1200	(P.O. Address)
		Post Office Box 26618
		MILWAUKEE, WISCONSIN 53226

Instructions as to Overpayment

16.

[]	Incorporation	on by reference of added pages
	(including application)	following item if the application in this transmittal claims the benefit of prior U.S. application(s) an international application entering the U.S. stage as a continuation, divisional or C-I-P) and complete and attach the ADDED PAGES FOR NEW APPLICATION TRANSMITTAL ENEFIT OF PRIOR U.S. APPLICATION(S) CLAIMED)
	[]	Plus Added Pages for New Application Transmittal Where Benefit of Prior U.S. Application(s) Claimed
		Number of pages added
	[]	Plus Added Pages for Papers Referred to in Item 4 Above Number of pages added
	[]	Plus added pages deleting names of inventor(s) named in prior application(s) who is/are no longer inventor(s) of the subject matter claimed in this application.
		Number of pages added
	[]	"Assignment Cover Letter Accompanying New Application" Number of pages added
		Where No Further Pages Added er pages form a part of this Transmittal, then end this Transmittal with this page and check the tem)
	ſ1	This transmittal ends with this page.

PATENT

ADDED PAGES FOR APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S. APPLICATION(S) CLAIMED

NOTE: "In order for an application to claim the benefit of a prior filed copending national application, the prior application must name as an inventor at least one inventor named in the later filed application and disclose the named inventor's invention claimed in at least one claim of the later filed application in the manner provided by the first paragraph of 35 U.S.C. 112." 37 CFR 1.78(a).

NOTE: "IN ADDITION THE PRIOR APPLICATION MUST BE (1) COMPLETE AS SET FORTH IN S 1.51, OR (2) ENTITLED TO A FILING DATE AS SET FORTH IN S 1.53(B) AND INCLUDE THE BASIC FILING FEE SET FORTH IN S 1.16; OR (3) ENTITLED TO A FILING DATE AS SET FORTH IN S 1.53(B) AND HAVE PAID THEREIN THE PROCESSING AND RETENTION FEE SET FORTH IN S 1.21(L) WITHIN THE TIME PERIOD SET FORTH IN S 1.53(D)."37 CFR 1.78(A).

17. Relate Back-35 U.S.C. 120

NOTE: "ANY APPLICATION CLAIMING THE BENEFIT OF A PRIOR FILED COPENDING NATIONAL OR INTERNATIONAL APPLICATION MUST CONTAIN OR BE AMENDED TO CONTAIN IN THE FIRST SENTENCE OF THE SPECIFICATION FOLLOWING THE TITLE A REFERENCE TO SUCH PRIOR APPLICATION IDENTIFYING IT BY SERIAL NUMBER AND FILING DATE OR INTERNATIONAL APPLICATION NUMBER AND INTERNATIONAL FILING DATE AND INDICATING THE RELATIONSHIP OF THE APPLICATIONS." 37 CFR 1.78(A). SEE ALSO THE NOTICE OF APRIL 28, 1987 (1079 O.G. 32 TO 46).

[X] Amend the specification by inserting the following informaton before the first line:

Related Application:

This application is a continuation of co-pending application Serial No. 09/231,320 Filed 13 January 1999.

NOTE: THE PROPER REFERENCE TO A PRIOR FILED PCT APPLICATION WHICH ENTERED THE U.S. NATIONAL PHASE IS THE U.S. SERIAL NUMBER AND THE FILING DATE OF THE PCT APPLICATION WHICH DESIGNATED THE U.S.

NOTE: (1) WHERE THE APPLICATION BEING TRANSMITTED ADDS SUBJECT MATTER TO THE INTERNATIONAL APPLICATION THEN THE FILING CAN BE AS A CONTINUATION-IN-PART OR (2) IT IS DESIRED TO DO SO FOR OTHER REASONS, E.G. WHERE NO DECLARATION IS AVAILABLE, NO ENGLISH TRANSLATION IS AVAILABLE OR NO FEE IS TO BE PAID ON FILING THEN THE FILING CAN BE AS A CONTINUATION. IN THESE CASES THE INTERNATIONAL APPLICATION DESIGNATING THE U.S. IS TREATED AS THE PARENT CASE IN THE U.S. AND IS AN ALTERNATIVE TO THE COMPLETION OF THE INTERNATIONAL APPLICATION UNDER 35 U.S.C. 371(C)(4) WHICH MUST MEET THE REQUIREMENTS OF 37 CFR 1.61(A). THIS ALTERNATIVE PERMITS THE COMPLETION OF THE FILING REQUIREMENTS WITHIN ANY TERM SET BY THE PTO UNDER 37 CFR 1.53(D) TO WHICH THE EXTENSION PROVISIONS OF 37 CFR 1.136(A) APPLY. (WHEREAS, IF THE FILING IS AS AN INTERNATIONAL APPLICATION ENTERING THE U.S. STAGE THEN THE FEE, DECLARATION AND/OR ENGLISH TRANSLATION (WHERE NECESSARY) IS DUE WITHIN 20 MONTHS OF THE PRIORITY DATE BUT CAN BE PAID WITHIN 22 MONTHS OF THE PRIORITY DATE (OR IS DUE WITHIN 30 MONTHS OF THE PRIORITY DATE BUT CAN BE SUBMITTED WITHIN 32 MONTHS OF THE PRIORITY DATE BUT CAN BE SUBMITTED WITHIN 32 MONTHS OF THE PRIORITY DATE BUT CAN BE SUBMITTED WITHIN 32 MONTHS OF THE PRIORITY DATE BUT CAN BE SUBMITTED WITHIN 32 MONTHS OF THE PRIORITY DATE BUT CAN BE SUBMITTED WITHIN 32 MONTHS OF THE PRIORITY DATE BUT CAN BE SUBMITTED WITHIN 32 MONTHS OF THE PRIORITY DATE BUT CAN BE SUBMITTED WITHIN 32 MONTHS OF THE PRIORITY DATE BUT CAN BE SUBMITTED WITHIN 32 MONTHS OF THE PRIORITY DATE BUT CAN BE SUBMITTED WITHIN 32 MONTHS OF THE PRIORITY DATE BUT CAN BE SUBMITTED WITHIN 32 MONTHS OF THE PRIORITY DATE BUT CAN BE SUBMITTED WITHIN 32 MONTHS OF THE PRIORITY DATE BUT CAN BE SUBMITTED WITHIN 32 MONTHS OF THE PRIORITY DATE BUT CAN BE SUBMITTED WITHIN 32 MONTHS OF THE PRIORITY DATE BUT CAN BE SUBMITTED WITHIN 32 MONTHS OF THE PRIORITY DATE BUT CAN BE SUBMITTED WITHIN 32 MONTHS OF THE PRIORITY DATE BUT CAN BE SUBMITTED WITHIN 32 MONTHS OF THE PRIORITY DATE BUT CAN B

NOTE: THE DEADLINE FOR ENTERING THE NATIONAL PHASE IN THE U.S. FOR AN INTERNATIONAL APPLICATION WAS CLARIFIED IN THE NOTICE OF APRIL 28, 1987 (1079 O.G. 32 TO 46) AS FOLLOWS:

"The Patent and Trademark Office considers the International application to be pending until the 22nd month from the priority date if the United States has been designated and no Demand for International Preliminary Examination has been filed prior to the expiration of the 19th month from the priority date and until the 32nd month from the priority date if a Demand for International Preliminary Examination which elected the United States of America has been filed prior to the expiration of the 19th month from the priority date, provided that a copy of the international application has been communicated to the Patent

nd Trademark Office within the 20 or 30 month period respectively. If a copy of the international application has not been communicated to the Patent and Trademark Office within the 20 or 30 month period respectively, the international application becomes abandoned as to the United States 20 or 30 months from the priority date respectivley. These periods have been placed in the rules as paragraph (h) of S 1.494 and paragraph (i) of S 1.495. A continuing application under 35 U.S.C. 365(c) and 120 may be filed anytime during the pendency of the international application."

18. Relate Back-35 U.S.C. 119 Priority Claim for Prior Application

						ny prior int claim(s) fo					1e U.S.,
		country	y		appl. no.		filed o	n			
	The ce	ertified c	opy (ies) has (ha	ave)						
	[]					n prior app	olication 0	/		_ which w	vas filed
	[]	is (are) attache	ed							
WARNIN	PTC CO CEI PLA EN' SUC CO DO RES NO CO	D BY THE PY OF THE RTIFIED (ACED IN A TERED. S CH CERT NTINUING SOURCES TATIONS, NTINUING ERNATIO	INTERNA HE PRIOF COPY OF A FOLDEF CUCH FOL TIFIED CO S FROM S REQUIR TRANSF G APPLICA NAL APPL	TIONAL BERITY APPLETHE PRICES AND IS NOTED TO PLES MARTION. AND IS NOTED THE FOLLITHE CONTROLLITON AREALICATION AREALICATION AREALICATION AREALICATIONS.	UREAU MAY LICATION IN DRITY APPLI NOT ASSIGN E DISPOSEL Y NOT BE N ALTERNA DERS AND EQUEST TRI ERTIFIED CI SUBSTANT	PPLICATION / NOT BE RE I THE CONT CATION COI NED A U.S. S O OF IF THE AVAILABLE ATIVE WOUL TRANSFER, RE OPIES, ENTE IAL. ACCORL VE NOT ENT 2 TO 46).	LIED ON WIT INUING APP MMUNICATE ERIAL NUM NATIONAL IF NEEDED D BE TO I THEM TO TRIEVE THI ER AND MAK DINGLY, THE	THOUT AN PLICATION D BY THE BER UNLE STAGE IS LATER I. PHYSICAL THE CON FOLDER FOLDER PRIORITY	Y NEED TO THIS IS INTERNATED THE NOTENT NOTE	O FILE A CI SO BECAL STIONAL BU IATIONAL SI FRED. THE ROSECUTION OVE THE FO APPLICATI SUITABLE ICH COPIE NTS IN FOL	ERTIFIED USE THE UREAU IS STAGE IS EREFORE ON OF A PRIORITY ION. THE RECORD IS IN THE DERS OF
19.	Mainte	enance	of Cope	endency	of Prior	Application	on				
NOTE:	FOR RE	SPONSE .	IS FILED V		PAPERS CO	TITION FILED INSTITUTING					
	A.	[]	Extens	sion of t	ime in pr	ior applic	ation				
						ND THE					
			[]			nd respor				he pendii	ng prior
			[]	А сору	of the pet	tition filed i	n prior ap	plication	is attacl	hed	

20.

NOTE:

NOTE:

В.	[]	Condi	tional Petition for Extension of Time in Prior Application
	(complete this item if previous item not applicable)		plete this item if previous item not applicable)	
			[]	A conditional petition for extension of time is being filed in the pending prior application.
			[]	A copy of the conditional petition filed in the prior application is attached
Furth	er	Inver	ntorship	Statement Where Benefit of Prior Application(s) Claimed
INVEN FILED THE IN	TOR REG VEN	S NAM QUEST ITION	MED IN TH ING DELE BEING CLA	ONTINUATION-IN-PART, OR DIVISIONAL APPLICATION IS FILED BY LESS THAN ALL THE IE PRIOR APPLICATION A STATEMENT MUST ACCOMPANY THE APPLICATION WHEN STION OF THE NAMES OF THE PERSON OR PERSONS WHO ARE NOT INVENTORS OF AIMED IN THE CONTINUATION, CONTINUATION-IN-PART, OR DIVISIONAL APPLICATION. STADDED]. (DEALING WITH THE FILE WRAPPER CONTINUATION SITUATION).
BY AM WHER ADDITI APPLIO NO AD SAME	ENE E A : ION, CAT DITI OR	DMENT NEW (AL INV ION W ONAL LESS	T, AN OATI DATH OR L ENTORS M HICH DISC OATH OR	MUATION-IN-PART APPLICATION WHICH ADDS AND CLAIMS ADDITIONAL DISCLOSURE H OR DECLARATION AS REQUIRED BY \$ 1.63 MUST BE FILED. IN THOSE SITUATIONS DECLARATION IS REQUIRED DUE TO ADDITIONAL SUBJECT MATTER BEING CLAIMED, MAY BE NAMED IN THE CONTINUING APPLICATION. IN A CONTINUATION OR DIVISIONAL CLOSES AND CLAIMS ONLY SUBJECT MATTER DISCLOSED IN A PRIOR APPLICATION, DECLARATION IS REQUIRED AND THE APPLICATION MUST NAME AS INVENTORS THE . THE INVENTORS IN THE PRIOR APPLICATION. 37 CFR 1.60(C). (DEALING WITH THE N).
			(com	plete applicable item (a), (b) and/or (c) below)
(a)	[]	applic	pplication discloses and claims only subject matter disclosed in the prior ation whose particulars are set out above and the inventor(s) in this ation are
			[]	the same.
			[]	the following inventor(s) have been deleted:
				(type name(s) of inventor(s) to be deleted)
			[]	the following inventor(s) have been added:
				(type name(s) of inventor(s) to be added)
(b)	[I	declar	application discloses and claims additional disclosure and a new ration or oath is being filed. With respect to the prior application the or(s) in this application are
			[]	the same.
			[]	the following inventor(s) have been deleted:
				(type name(s) of inventor(s) to be deleted)
			[]	the following inventor(s) have been added:
				(type name(s) of inventor(s) to be added)

(c) The inventorship for all the claims in this application are [x] the same. [] not the same, and an explanation, including the ownership of the various claim at the time the last claimed invention was made [] is submitted. [] will be submitted. 21. Abandonment of Prior Application (if applicable) [] Please abandon the prior application at a time while the prior application is pending of when the petition for extension of time or to revive in that application is granted an when this application is granted a filling date so as to make this application copendin with said prior application. NOTE: ACCORDING TO THE NOTICE OF MAY 13, 1983 (103, TMOG 6-7) THE FILING OF A CONTINUATION OF CONTINUATION-IN-PART APPLICATION IS A PROPER RESPONSE WITH RESPECT TO A PETITION FOR EXTENSION OF TIME OR A PETITION TO REVIVE AND SHOULD INCLUDE THE EXPRESS ABANDONMENT OF THE PRIOR THE CONTINUING APPLICATION. 22. Petition for Suspension of Prosecution for the Time Necessary to File an Amendment WARNING: THE CLAIMS OF A NEW APPLICATION MAY BE FINALLY REJECTED IN THE FIRST OFFICE ACTION IN THOS SITUATIONS WHERE (1) THE NEW APPLICATION AND (2) ALL THE PERMEAPPLICATION OF, OR A SUBSTITUTE FOR ANABALLER APPLICATION. 22. Petition for Suspension of Prosecution for the Time Necessary to File an Amendment WARNING: THE CLAIMS OF A NEW APPLICATION MAY BE FINALLY REJECTED IN THE FIRST OFFICE ACTION IN THOS SITUATIONS WHERE (1) THE NEW APPLICATION AND (2) ALL THE CLAIMS OF THE NEW APPLICATION OF, OR A SUBSTITUTE FOR ANABALLER APPLICATION. NOTE: WHERE IT IS POSSIBLE THAT THE CLAIMS ON FILE WILL GIVE RISE TO A FIRST ACTION FINAL FOR THE CONTINUATION AND FOR SOME REASON AN AMENDMENT CANNOT BE FILED PROMPTLY (E.C. EXPERIMENTAL DATA IS BEING GATHERED) IT MAY BE DESIRABLE TO FILE A PETITION FOR SUSPENSION OF PROSECUTION FOR THE TIME NECESSARY. (check the next item, if applicable) [] There is provided herewith a Petition To Suspend Prosecution for the Time Necessar to File An Amendment (New Application Filed Concurrently)
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